

Title (en)

Flame and fumes stopping device for suction ducts

Title (de)

Flamm- und Rauchstoppvorrichtung für Absaugleitungen

Title (fr)

Dispositif d'arrêt de flamme et des fumées pour tuyaux d'aspiration

Publication

EP 0935981 A1 19990818 (EN)

Application

EP 98830060 A 19980211

Priority

EP 98830060 A 19980211

Abstract (en)

A flames and fumes stopping device for a suction duct of gaseous mixtures from a room comprises a normally-empty inverted siphon, in the duct; a water tank holding a volume of water sufficient to flood the inverted siphon, at a level higher than the siphon and having a gravity discharge pipe, intercepted by an electrovalve, discharging into the siphon; a sensor of the temperature of the gaseous mixture passing through the duct generating an electric command that triggers the opening of the electrovalve when a certain temperature threshold is exceeded. <IMAGE>

IPC 1-7

A62C 2/00; **A62C 4/02**

IPC 8 full level

A62C 4/02 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [A] DE 4126932 A1 19930211 - BAYER AG [DE]
- [A] EP 0559968 A1 19930915 - REMBE GMBH MESS UND REGELTECHN [DE]
- [A] CH 173185 A 19341115 - JEFFERY EUGENE [FR]
- [A] US 4519458 A 19850528 - KROETER DAVID W [US]
- [A] EP 0353840 A1 19900207 - HOECHST CELANESE CORP [US]

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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DOCDB simple family (application)

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